

AMENDMENT UNDER 37 C.F.R. § 1.111
U.S. Appln. No. 09/608,436

layer facing each other,

wherein grooves for writing information, and lands adjacent to said grooves, are formed in and on said first recording layer and said second recording layer,

wherein said grooves in said first recording layer and in said second recording layer have substantially the same thickness, while said grooves are thicker than said lands,

wherein said grooves in said first recording layer are recessed toward said first transparent substrate and away from said lands on said first recording layer, and

wherein said grooves in said second recording layer are raised toward said first transparent substrate and away from said lands on said second recording layer.

7. (Once amended) An information recording medium, comprising:

a first transparent substrate;

a first recording layer;

a translucent layer, wherein said first recording layer is disposed between said translucent layer and said first transparent substrate;

a second recording layer, wherein said translucent layer is disposed between said second recording layer and said first recording layer; and

a reflection layer, wherein second recording layer is disposed between said reflection layer and said translucent layer,

wherein said first recording layer comprises first grooves and first lands;

wherein said second recording layer comprises second grooves and second lands,

AMENDMENT UNDER 37 C.F.R. § 1.111
U.S. Appl. No. 09/608,436

2
Amended

wherein said first grooves are thicker than said first lands,
wherein said grooves in said first recording layer are recessed toward said first transparent substrate and away from said lands on said first recording layer, and
wherein said grooves in said second recording layer are raised toward said first transparent substrate and away from said lands on said second recording layer.

9. (Once amended) The information recording medium as claimed in claim 7,
wherein a thickness of said first grooves substantially equals a thickness of said second grooves.

3

10. (Once amended) The information recording medium as claimed in claim 7,
wherein a thickness of said first lands substantially equals a thickness of said second lands.

11. (Once amended) The information recording medium as claimed in claim 8,
wherein a thickness of said first grooves substantially equals a thickness of said second grooves,
and
wherein a thickness of said first lands substantially equals a thickness of said second lands.

Please add the following new claims.

14. (New) An information recording medium, comprising:

a first information recording/reproduction unit formed by sequentially laminating on a first transparent substrate a first recording layer and a translucent layer, at the least;

a second information recording/reproduction unit formed by sequentially laminating on a second transparent substrate a reflection layer and a second recording layer, at the least; and

a transparent bonding layer for bonding said translucent layer and said second recording layer facing each other,

wherein grooves for writing information, and lands adjacent to said grooves, are formed in and on said first recording layer and said second recording layer,

wherein said grooves in said first recording layer and in said second recording layer have substantially the same thickness, while said grooves are thicker than said lands,

wherein said grooves in said first recording layer are extended upward toward said first transparent substrate and are elevated relative to said lands on said first recording layer, and

wherein said grooves in said second recording layer are retracted toward said first transparent substrate and are recessed relative to said lands on said second recording layer.

15. (New) The information recording medium according to claim 14, wherein said grooves and said lands formed in and on said first recording layer have a phase substantially the

AMENDMENT UNDER 37 C.F.R. § 1.111
U.S. Appl. No. 09/608,436

same in the radial direction as have said grooves and said lands formed in and on said second recording layer.

16. The information recording medium according to claim 14, wherein said grooves and said lands formed in and on said first recording layer have a phase substantially the opposite in the radial direction as have said grooves and said lands formed in and on said second recording layer.

17. (New) An information recording medium, comprising:

- a first transparent substrate;
- a first recording layer;
- a translucent layer, wherein said first recording layer is disposed between said translucent layer and said first transparent substrate;
- a second recording layer, wherein said translucent layer is disposed between said second recording layer and said first recording layer; and
- a reflection layer, wherein second recording layer is disposed between said reflection layer and said translucent layer,

wherein said first recording layer comprises first grooves and first lands;


wherein said second recording layer comprises second grooves and second lands,

wherein said first grooves are thicker than said first lands,

AMENDMENT UNDER 37 C.F.R. § 1.111
U.S. Appln. No. 09/608,436

wherein said grooves in said first recording layer are extended upward toward said first transparent substrate and are elevated relative to said lands on said first recording layer, and

wherein said grooves in said second recording layer are retracted toward said first transparent substrate and are recessed relative to said lands on said second recording layer.



18. (New) The information recording medium as claimed in claim 17, wherein said second grooves are thicker than said second lands.

19. (New) The information recording medium as claimed in claim 17, wherein a thickness of said first grooves substantially equals a thickness said second grooves.

20. (New) The information recording medium as claimed in claim 17, wherein a thickness of said first lands substantially equals a thickness said second lands.

21. (New) The information recording medium as claimed in claim 18, wherein a thickness of said first grooves substantially equals a thickness said second grooves, and wherein a thickness of said first lands substantially equals a thickness said second lands.

22. (New) The information recording medium as claimed in claim 17, further comprising a bonding layer disposed between the translucent layer and the second recording layer.